Project Baseline Summary Report

Data Source: **EM CDB** Report Number: **GEN-01b**

Operations/Field Office: **River Protection** Print Date: **3/9/2000**

Site Summary Level: **Office of River Protection** HQ ID: **0388**

Project **RL-TW06 / Process Waste Privatization Phase I**

General Project Information

Project Description Narratives

Purpose, Scope, and Technical Approach:

Purpose: Phase I objectives are to: demonstrate the technical and business viability of using privatized facilities to treat Hanford tank waste; define and maintain required levels of radiological, nuclear, process, and occupational safety; maintain environmental protection and compliance; and substantially reduce life-cycle costs and time required to treat Hanford tank waste. This project demonstrates progress in limiting potential contamination of the Columbia River by removing high-level waste from underground storage tanks which can leak into the groundwater.

Scope: Specific project scope from the Hanford Site technical baseline is provided below in terms of the systems that the project has responsibility for.

LAW/HLW Plant, Phase 1

· Treat & Immobilize LAW/HLW, Phase 1: Receive and treat waste delivered by the DST System and immobilize, separately, the low-activity fraction and high-level waste fraction of the waste. Package and transfer immobilized LAW to the Immobilized LAW Storage Facility. Seal the IHLW into primary containers, decontaminate the container outer surfaces and test the integrity of the sealed containers. Load the IHLW onto the transport mechanism and transfer the IHLW to the TWRS CSB Modules, Phase I for storage. Transfer intermediate waste products resulting from the treatment/immobilization process back to the DST System for storage and future disposition.

Scope of Work

The scope of this WBS element is to provide waste treatment and immobilization services at fixed-unit prices using privatized facilities -- a Contractor-developed, -financed, -constructed, -owned, -operated, and -deactivated waste treatment and immobilization system for Hanford tank waste.

The multiple parts of this WBS element are identified as Part A, Part B-1, and Part B-2.

Part A - a 20-month period to establish the technical, operational, regulatory, and financial elements required by privatized facilities to provide waste treatment services at fixed-unit prices. This contract phase was completed during FY1998.

Part B-1 - In accordance with the contract statement of work, BNFL is to provide, during Part B-1, all labor, services, and materials necessary to:

(1)¸ Optimize the LAW and HLW waste treatment and immobilization system, mitigate risk, and reduce contingencies in the waste treatment and immobilization system defined in Part A

(2)¸ Revise the technical, operational, regulatory, and financial elements of the waste treatment and immobilization system

(3)¸ Provide firm fixed-unit prices for waste treatment services

Project Description Narratives

(4)¸ Perform all contractor activities necessary to reach financial closure for privatized facilities.

The period of performance for Part B-1 is 24 months after Part B-1 authorization to proceed, which was granted on August 24, 1998. During this phase, BNFL will take its current enhanced conceptual design to one in which final design approaches have been selected for all major process and facility systems - approximately 20-30% design.

Part B-2 - the period to complete design, construction and permitting the privatized facilities, provide waste treatment services at firm fixed-unit prices, and deactivate the privatized facilities. During Part B-2, three LAW feed envelopes and one HLW feed envelope will be provided for treatment. DOE will order a nominal quantity of waste treatment services during Part B-2 and may order additional treatment services. When no further waste treatment services are required under the BNFL contract, DOE will decide either to: 1) take possession of the privatized facilities, or 2) direct BNFL to deactivate all privatized facilities.

During Part B-2, BNFL shall commission, by July 2008, a high-level waste treatment and immobilization service capable of treating Envelope D feed. A contract order quantity of 600 canisters of immobilized high-level waste shall be treated and immobilized by the target date of February 2018. BNFL shall also commission, by November 2006, a low-activity waste pretreatment service capable of treating 1300-1600 units of Envelope B feed, prior to commencement of LAW vitrification services. BNFL shall also commission, by April 2009, a LAW treatment and immobilization service capable of treating Envelope A, B, and C feeds. A minimum order quantity of 6000 units of LAW from Envelopes A, B, and C shall be treated and immobilized by the target date of February 2018. BNFL will operate Hanford Double-Shell Tank (DST) 241-AP-106 as the feed receipt tank for the Envelope A, B, and C LAW feeds.

BNFL Inc. is to provide, during the Part B-2 phase, all remaining design, procurement, permitting, construction, startup, and operating plant services to treat DOE wastes in a privatized facility at fixed-unit prices. The construction and operating period of performance is 19 years. Services include:

(1)¸ Receive batches of waste from the three waste envelopes described in Contract Specification 7, Low-Activity Waste Envelopes Definition;

(2)¸ Treat and immobilize the low-activity fraction and any LAW entrained solids not returned to DOE and provide the final waste products described in Contract Specification 2, Immobilized Low-Activity Waste, for return to DOE;

(3)¸ Return solids separated from LAW feed in the form of an intermediate waste product (Contract Specification 3, Entrained Solids), or immobilize the solids as either HLW (Contract Specification 1, Immobilized High-Level Waste) or LAW (Contract Specification 2, Immobilized Low-Activity Waste). If immobilized as LAW or HLW, the solids separated from the LAW feed shall count toward satisfying the minimum order quantity of the applicable feed;

(4)¸ Receive batches of the HLW feed described in Contract Specification 8, High-Level Waste Envelope Definition, into a BNFL-provided transfer system, tank, and facility;

(5)¸ Treat in accordance with Contract Specification 12, Number of HLW Canisters per Batch of Waste Envelope D; immobilize the HLW feed and

Project Description Narratives

radionuclides separated from LAW feed and any HLW Entrained Solids not returned to DOE; and provide the final waste products described in Contract Specification 1, Immobilized High-Level Waste, for return to DOE;

(6)¸ Return the pretreated LAW resulting from HLW slurry processing as an intermediate waste product as described in Contract Specification 11, Pretreated Low-Activity Waste, until the low-activity vitrification plant is operational;

(7)¸ Treat and immobilize pretreated LAW, previously prepared by BNFL and returned to DOE, and provide the final waste products described in Contract Specification 2, Immobilized Low-Activity Waste;

(8)¸ Disposition all secondary wastes; secondary wastes are identified on Contract Figure C-1, Privatization Functions, Inputs, and Outputs, as those wastes associated with Waste Disposal Services DOE Provides at No Cost, and Waste the contractor is Responsible For;

(9)¸ Protect materials from diversion, and the facilities and materials from sabotage or other acts that can result in wide-spread exposure of workers and the public.

Only DOE provided wastes will be treated in the BNFL Privatization facilities. BNFL will provide system capacity for waste treatment services for minimum order quantities as established in their DOE contract (Clause H.9) within the period of delivery in Contract Section F. Minimum orders include:

600 canisters of HLW (Envelop D)
1300 - 1600 units of LAW (Envelop B)
6000 units of LAW (Envelops A, B, and C).

The waste expected to be treated represents approximately 10% of Hanford's waste by mass, will originate from 11 tanks including some of the highest safety risk tanks, and will constitute between 20% and 25% of the total radioactivity in the Hanford tanks. Ability to operate the facilities for a longer period and to expand the capacity is included in the facility design.

At the completion of waste treatment services, BNFL will deactivate all facilities as Part of B-2.

· Maintain Safe & Compliant LAW/HLW Plant, Phase 1 in CP Areas: Following the Operations phase of the LAW/HLW Plant, PhaseI, maintain the facility structures, systems and equipment, and monitoring systems until the facility is deactivated and turned over for D&D or returned to the Operational phase for additional waste processing.

· Transition LAW/HLW Plant, Phase 1: At the completion of the Operations and Maintenance phase of the LAW/HLW Plant, PhaseI, perform the deactivation activities necessary to place the plant in a safe, stable and environmentally sound condition pending final disposition of the plant. Activities include cleanout of process lines, storage/process vessels, contaminated equipment, etc., and removal of radioactive/hazardous materials. Cleanout activities for this function are the responsibility of the private contractor as described in Section C.5 Standard 8 of the TWRS Privatization

Project Description Narratives

contract (DE-RP06-96RL 13308).

· D&D LAW/HLW Plant, Phase 1: At the completion of the mission of the LAW/HLW Plant, Phase I, decontaminate the facility by removing all remaining radioactive and/or hazardous contamination from the facilities, equipment or soils by removal, washing, heating, chemical action, mechanical cleaning or other techniques. Decommission the LAW/HLW Plant, Phase I by entombing the facility.

Technical Approach: The end point targets in the Hanford Strategic Plan addressed by this project include:

· Retrieve tank wastes to the extent needed for tank closure, divide into high level and low activity fractions and immobilize.

· Transition high cost surplus facilities in the Central Plateau Area to a low cost, stable, deactivated condition.

· Remove Central Plateau (200 Area) non-essential, surplus buildings and facilities that don't have identified post-cleanup uses.

The technical approach and technology initiatives for the Project to accomplish the Hanford Strategic Plan end point targets are identified below.

· Technical Approach - Privatization Phase I: The Project Hanford Management Contractor is responsible for providing the waste feed envelopes, feed tanks, infrastructure, and utilities at the time, place, and quantity required for the private contractors, who will process the waste using their unique processing techniques. The technology employed by the private contractors will not be mandated by the Department. The PHMC will also receive the immobilized waste from the private contractors and will store or dispose of the waste, as appropriate.

Project Status in FY 2006:

LAW/HLW Plant, Phase 1

· By FY 2006, major work scope will have been completed in obtaining the TWRS Privatization goal of having waste treatment and immobilization facilities on-line. Part A was completed in FY 1998 and BNFL was selected to proceed into Part B-1. At the end of Part B-1, BNFL will have submitted a design that detailed the required plant operations, reached financial closure with major lending institutions, committed $200-$500 million in equity, and provided to DOE a negotiated fixed price for the treatment and immobilization of both LAW and HLW. Authorization will have been provided to BNFL to proceed into Part B-2.

In Part B-2, between FY 2000 and FY 2006, BNFL will have completed all design work, started construction of all the treatment and immobilization facilities, and will be months away from operation of their Pretreatment facility. FY 2006 is the transition year from design and construction to operation of the treatment and immobilization facilities. Hot Operations of the Pretreatment facility will have reached the point where Production will only be a few months away.

Post-2006 Project Scope:

LAW/HLW Plant, Phase 1

Project Baseline Summary Report

Data Source: **EM CDB** Report Number: **GEN-01b**

Operations/Field Office: **River Protection** Print Date: **3/9/2000**

Site Summary Level: **Office of River Protection** HQ ID: **0388**

Project **RL-TW06 / Process Waste Privatization Phase I**

Project Description Narratives

· Treatment and immobilization of Hanford tank waste will initiate in FY2006 with the operation of the Pretreatment facility, followed by the High Level Waste Vitrification Facility in FY2007 and the Low Activity Waste Vitrification Facility in FY2008. The DOE contract with BNFL, which runs through FY2018, will result in the treatment of 20 to 25% of the radioactivity in the Hanford Tanks. The BNFL facilities will be very robust with a design life of 30 years and extra treatment and immobilization capabilities. This robustness will allow additional waste (above the contract minimum order quantity) to be treated in the FY2011 through FY2018 for a nominal increase in project cost, if additional funding is provided. If DOE and BNFL agree, these BNFL facilities will operate through the completion of the TWRS mission which could eliminate the need for additional Phase II facilities or reduce the throughput requirements for the Phase II facilities.

Post 2006 will see the deactivation, decontamination, and decommissioning of the Phase 1 facility. BNFL is responsible for deactivation, the PHMC is responsible for decontamination and decommissioning.

Project End State

Specific work activities to close the facilities under this Project to be performed by others at the end of this Project's mission are identified below.

Cost Baseline Comments:

The costs shown in this PBS provide the funding for the DOE to pay for immobilized low-activity and high-level waste through Phase I of privatization--2019, including deactivation. The source of prices is of two types (both of which will be sources of funds for paying for the products):

1) Set Aside. This is the budget authority reserved at DOE-HQ to pay the private contractors if the contract should be canceled or for the products if the contract is executed. The set aside is $170M in FY97 and $115M for FY98, then $100M in FY99, $106M in FY00, $606M in FY01, $659M in FY02, $633M in FY03, $595M in FY04, $598M in FY05, $563M in FY06, $518M in FY07 and $803M in FY08.

2) Operations. The government will pay for private contractor operations (which exclude the capital costs paid by the set aside) commencing in 2002 with hot start up and continuing through the end of Phase I. Budget authority for operations occurs from 2006 to 2017.

Note the DOE signed a contract with a private contractor on August 24, 1998. The DOE will pay for acceptable products in FY00, prior to making the decision of how to proceed to Phase I, Part B-2 of privatization.

All waste treatment costs are assumed to be high-level waste treatment, as all tank waste is officially HLW, prior to separations/pretreatment.

Escalation is included in the above costs.

Privatization vendor utility costs are shown in the Infrastructure PBS, TW08.

Costs for D&D of private contractor plants is estimated at $185M for the BNFL facility. D&D is planned for the year following deactivation.

Project Baseline Summary Report

Data Source: **EM CDB** Report Number: **GEN-01b**

Operations/Field Office: **River Protection** Print Date: **3/9/2000**

Site Summary Level: **Office of River Protection** HQ ID: **0388**

Project **RL-TW06 / Process Waste Privatization Phase I**

Project Description Narratives

Safety & Health Hazards:

The principle hazards related to this project are 55 million gallons of high-level radioactive waste stored in 177 underground single- and double-shell tanks at the Hanford Site. The waste consists of many different chemicals in the forms of liquids, slurries, saltcakes, and sludges. This waste represents a radiological hazard to workers and the environment. As this project progresses, workers may encounter increased risk of exposure from the retrieval and immobilization process. These hazards will persist throughout the operations and deactivation phases.

Safety & Health Work Performance:

Private contractor`s environmental, safety, and health plans submitted at the end of Privatization Phase I - Part A will be evaluated. An assessment will be made regarding the abilities of private contractors to protect the public and environment during Phase I. Review of the draft RCRA Part B Permit will also be performed. This project will be regulated through the auspices of the DOE Regulatory Unit, which has authority for all radiological, nuclear, and process safety.

PBS Comments:

Private contractors will invest non-government funds to design, construct, operate, and deactivate the waste processing facilities. Incentives will be offered by the DOE to the contractors to reduce immobilized waste volumes and to optimize waste loading. The costs associated with such efforts will ultimately be borne by the DOE through payments to contractors for waste processed.

Baseline Validation Narrative:

The project cost baseline was reviewed by FM-20 in May 1996. The recommended changes were incorporated into the FY 1997 MYWP.

General PBS Information

Project Validated? **Date Validated:**

Has Headquarters reviewed and approved project? Yes

Date Project was Added: 12/1/1997

Baseline Submission Date:

FEDPLAN Project? Yes

Drivers:

CERCLA	RCRA	DNFSB	AEA	UMTRCA	State	DOE Orders	Other
	Y	Y			Y	Y	Y

Project Identification Information

DOE Project Manager: W. J. Taylor

Project Baseline Summary Report

Data Source: **EM CDB**

Report Number: **GEN-01b**

Operations/Field Office: **River Protection**

Print Date: **3/9/2000**

Site Summary Level: **Office of River Protection**

HQ ID: **0388**

Project **RL-TW06 / Process Waste Privatization Phase I**

General PBS Information

DOE Project Manager Phone Number:	509-372-3864
DOE Project Manager Fax Number:	509-373-0628
DOE Project Manager e-mail address:	William_J_Taylor@rl.gov
Is this a High Visibility Project (Y/N):	Y

Planning Section

Baseline Costs (in thousands of dollars)

	1997-2006 Total	2007-2070 Total	1997-2070 Total	1997	Actual 1997	1998	Actual 1998	1999	2000	2001	2002	2003	2004	2005	2006
PBS Baseline (current year dollars)	166,500	10,641,918	10,808,418			58,500	58,500		50,000	0	0	0	0	0	58,000
PBS Baseline (constant 1999 dollars)	155,317	7,345,513	7,500,830			58,500	58,500		48,685	0	0	0	0	0	48,132
PBS EM Baseline (current year dollars)	166,500	10,641,918	10,808,418			58,500	58,500		50,000	0	0	0	0	0	58,000
PBS EM Baseline (constant 1999 dollars)	155,317	7,345,513	7,500,830			58,500	58,500		48,685	0	0	0	0	0	48,132

	2007	2008	2009	2010	2011-2015	2016-2020	2021-2025	2026-2030	2031-2035	2036-2040	2041-2045	2046-2050	2051-2055	2056-2060	2061-2065	2066-2070
PBS Baseline (current year dollars)	188,000	401,000	908,000	1,073,000	6,112,000	1,795,289	164,629	0	0	0	0	0				
PBS Baseline (constant 1999 dollars)	151,913	315,508	695,635	800,433	4,212,164	1,082,939	86,921	0	0	0	0	0				
PBS EM Baseline (current year dollars)	188,000	401,000	908,000	1,073,000	6,112,000	1,795,289	164,629	0	0	0	0	0				

Project Baseline Summary Report

Data Source: **EM CDB** Report Number: **GEN-01b**

Operations/Field Office: **River Protection** Print Date: **3/9/2000**

Site Summary Level: **Office of River Protection** HQ ID: **0388**

Project **RL-TW06 / Process Waste Privatization Phase I**

	2007	2008	2009	2010	2011-2015	2016-2020	2021-2025	2026-2030	2031-2035	2036-2040	2041-2045	2046-2050	2051-2055	2056-2060	2061-2065	2066-2070
PBS EM Baseline (constant 1999 dollars)	151,913	315,508	695,635	800,433	4,212,164	1,082,939	86,921	0	0	0	0	0				

Baseline Escalation Rates

1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
	0.00%		2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%

2010	2011-2015	2016-2020	2021-2025	2026-2030	2031-2035	2036-2040	2041-2045	2046-2050	2051-2055	2056-2060	2061-2065	2066-2070
2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%	2.70%				

Project Reconciliation

Project Completion Date Changes:

Previously Projected End Date of Project: 9/30/2013

Current Projected End Date of Project: 9/30/2022

Explanation of Project Completion Date Difference (if applicable):

Project Cost Estimates (in thousands of dollars)

Previously Estimated Lifecycle Cost (1997 - 2070, 1998 Dollars): 4,725,910

Previously Estimated Lifecycle Cost of Project (1999 - 2070, 1998 Dollars): 4,667,410

Previously Estimated Lifecycle Cost (1999 - 2070, 1999 Dollars): 4,793,430

Actual 1997 Cost:

Actual 1998 Cost: 58,500

Inflation Adjustment (2.7% to convert 1998 to 1999 dollars): 126,020

Project Cost Changes

	Cost Adjustments	Reconciliation Narratives
Cost Change Due to Scope Deletions (-):		

Project Baseline Summary Report

Data Source: **EM CDB** Report Number: **GEN-01b**

Operations/Field Office: **River Protection** Print Date: **3/9/2000**

Site Summary Level: **Office of River Protection** HQ ID: **0388**

Project **RL-TW06 / Process Waste Privatization Phase I**

Project Reconciliation

Cost Reductions Due to Efficiencies (-):	
Cost Associated with New Scope (+):	
Cost Growth Associated with Scope Previously Reported (+):	
Cost Reductions Due to Science & Technology Efficiencies (-):	
Subtotal:	4,793,430
Additional Amount to Reconcile (+):	2,648,900
Current Estimated Lifecycle Cost (1999 - 2070, 1999 Dollars):	**7,442,330**

Milestones

Milestone/Activity	Field Milestone Code	Original Date	Baseline Date	Legal Date	Forecast Date	Actual Date	EA	DNFSB	Mgmt. Commit.	Key Decision	Intersite
SELECT 2 COCO CONTRACTORS & AUTH TO PROCCED WITH PART B WORKS....	T06-98-112	7/31/1998	7/31/1998	7/31/1998	3/31/1999		Y		Y	Y	
START CONSTR FOR 2 PH I LAW PRETREAT & IMMOBILIZATION FACILITIES	T06-98-113	12/31/2049	12/31/2049	12/31/2049			Y			Y	
START HOT OPERATIONS OF HLW PRETREATMENT FACILITY	T06-07-101	6/30/2008	11/1/2006	6/30/2008			Y				
START HOT OPS OF 2 COCO PH I LAW PRETREAT & IMMOBILIZATION FAC'S	T06-02-131	12/31/2002	1/2/2006	12/31/2002			Y		Y	Y	
INITIATE HOT OPERATIONS OF THE HLW VITRIFICATION FACILITY	T06-02-141	12/31/2009	2/1/2007	12/31/2009			Y		Y	Y	
Begin Privatization Phase I Project	PBS-97-006		10/1/1997								
PBS Mission Completion	PBS-MC-006		9/30/2022								
PBS Project End	PBS-PE-006		9/30/2022								

Milestones - Part II

Milestone/Activity	Field Milestone Code	Critical Decision	Critial Closure Path	Project Start	Project End	Mission Complete	Tech Risk	Work Scope Risk	Intersite Risk	Cancelled	Milestone Description

Project Baseline Summary Report

Data Source: **EM CDB**

Report Number: **GEN-01b**

Operations/Field Office: **River Protection**

Print Date: **3/9/2000**

Site Summary Level: **Office of River Protection**

HQ ID: **0388**

Project **RL-TW06 / Process Waste Privatization Phase I**

Milestones - Part II

Milestone/Activity	Field Milestone Code	Critical Decision	Critial Closure Path	Project Start	Project End	Mission Complete	Tech Risk	Work Scope Risk	Intersite Risk	Cancelled	Milestone Description
SELECT 2 COCO CONTRACTORS & AUTH TO PROCCED WITH PART B WORKS....	T06-98-112			Y							Within thirty (30) days of completion of Milestone M-60-10, 'Select two (2) coco contractors to proceed with Phase B...', DOE will notify Ecology in writing of the start of facility construction date that is specified in the contract(s). Start of constru
START CONSTR FOR 2 PH I LAW PRETREAT & IMMOBILIZATION FACILITIES	T06-98-113										Complete selection of a reference high-level waste (HLW) Vitrification technology.
START HOT OPERATIONS OF HLW PRETREATMENT FACILITY	T06-07-101										Successfully initiate full operations of the support systems for the Phase I Pretreatment Facility.
START HOT OPS OF 2 COCO PH I LAW PRETREAT & IMMOBILIZATION FAC'S	T06-02-131			Y							Activities leading to start of hot operations of the LAW Immobilization Facility include completion of: construction activities, inspections and acceptance test procedures; final safety analysis report; licensing under RCRA and Clean Air Act; Operation Re
INITIATE HOT OPERATIONS OF THE HLW VITRIFICATION FACILITY	T06-02-141		Y	Y							Complete all activities necessary to being hot operations of the High-Level Waste (HLW) Vitrification Facility. This includes pre-operational testing with waste simulants (cold testing), completion of preparation for hot startup, and successful completio
Begin Privatization Phase I Project	PBS-97-006			Y							Administrative input to document the start of this PBS.

Project Baseline Summary Report

Data Source: **EM CDB**

Report Number: **GEN-01b**

Operations/Field Office: **River Protection**

Print Date: **3/9/2000**

Site Summary Level: **Office of River Protection**

HQ ID: **0388**

Project **RL-TW06 / Process Waste Privatization Phase I**

Milestones - Part II

Milestone/Activity	Field Milestone Code	Critical Decision	Critial Closure Path	Project Start	Project End	Mission Complete	Tech Risk	Work Scope Risk	Intersite Risk	Cancelled	Milestone Description
PBS Mission Completion	PBS-MC-006					Y					Administrative input to document the mission completion of this PBS.
PBS Project End	PBS-PE-006				Y						Administrative input to document the project end of this PBS.

Performance Measure Metrics

Category/Subcategory	Units	1997-2006 Total	2007-2070 Total	1997-2070 Total	Actual Pre-1997	Planned 1997	Actual 1997	Planned 1998	Planned 1999	Planned 2000	Planned 2001	Planned 2002	Planned 2003	Planne 200
Fac.														
Decom.- Assess.	NF	0.00	0.00	0.00										
Fac.														
Decom- Cleanup	NF	0.00	1.00	1.00										
Fac.														
Deact. During Per.	NF	0.00	1.00	1.00										
HLW														
Treatment	M3	0.00	198,925.51	198,925.51				0.00	0.00	0.00	0.00	0.00	0.00	0.0

Category/Subcategory	Units	Planned 2004	Planned 2005	Planned 2006	Planned 2007	Planned 2008	Planned 2009	Planned 2010	Planned 2011 - 2015	Planned 2016 - 2020	Planned 2021 - 2025	Planned 2026 - 2030	Planned 2031 - 2035
Fac.													
Decom.- Assess.	NF												
Fac.													
Decom- Cleanup	NF										1.00		
Fac.													
Deact. During Per.	NF									1.00			

Project Baseline Summary Report

Data Source: **EM CDB**

Report Number: **GEN-01b**

Operations/Field Office: **River Protection**

Print Date: **3/9/2000**

Site Summary Level: **Office of River Protection**

HQ ID: **0388**

Project **RL-TW06 / Process Waste Privatization Phase I**

Category/Subcategory	Units	Planned 2004	Planned 2005	Planned 2006	Planned 2007	Planned 2008	Planned 2009	Planned 2010	Planned 2011 - 2015	Planned 2016 - 2020	Planned 2021 - 2025	Planned 2026 - 2030	Planned 2031 - 2035
HLW													
Treatment	M3	0.00	0.00	0.00	1,170.00	4,102.00	4,102.00	4,102.00	185,448.63	0.88			

Category/Subcategory	Units	Planned 2036 - 2040	Planned 2041 - 2045	Planned 2046 - 2050	Planned 2051 - 2055	Planned 2056 - 2060	Planned 2061 - 2035	Planned 2066 - 2070	Exceptions	Lifecycle Total
Fac.										
Decom.- Assess.	NF								1.00	1.00
Fac.										
Decom- Cleanup	NF									1.00
Fac.										
Deact. During Per.	NF									1.00
HLW										
Treatment	M3									198,925.51

Facility Decommissioning

Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
HASI	8677		LAW/HLW Plant, Phase 1	\					2019			2021						

Facility Deactivation

Site Code	RSF ID	Change Flag	Description	Class/Subclass	Hazard	Plan. Assess. Year	Fore. Assess. Year	Actual Assess. Date	Plan. Deac. Year	Fore. Deac. Year	Actual Deac. Date	Plan. Comp. Year	Fore. Comp. Year	Actual Comp. Date	Acc. Year	No Action	Comp. Status	RAD
HASI	8677		LAW/HLW Plant, Phase 1	\					2019			2021						